

Roadster X9



Powerhouse Brightness and Flexibility in a Portable Package

Christie's Roadster X9 delivers a staggering 8500 ANSI lumens output from its compact, portable chassis by way of a 1500W Xenon CERMAX® illumination system making the X9 the brightest and most cost-effective XGA projector in its class. With exceptional image clarity and color uniformity – the X9 is a portable presentation powerhouse that excels in even the most challenging environments.

The X9 features a super-reliable power supply and lamp ballast that provides consistent power to the lamp, reducing the need for external power regulators in even the most extreme brown-out conditions. The X9 flawlessly adapts to power fluctuations to deliver continuous brilliant light output. A truly cost-effective solution, the unique self-adjusting power supply minimizes lamp fade over time, ensuring superior lamp performance and reduced operating costs.

The X9 employs 3-chip DLP™ technology for full digital display capabilities. Providing unsurpassed connectivity with a digital interface, the X9 can project a digital signal from source to screen without signal conversion – ensuring 100% digitally perfect image reproduction every time. Advanced inverse telecine (3:2 pull down) digital processing and scaling for SXGA and UXGA sources, the X9 delivers outstanding image performance for both video and data... perfect for any staging venue.

Christie's proprietary Intelligent Lens System (ILS™), LiteLOC™, image off-set and keystone correction capability offer greater range of control, projector positioning and projector angles for onsite flexibility and ease of integration into any application.

Bold, bright, beautiful pictures in a portable, compact design.

- 8500 ANSI lumens
- True XGA resolution (1024 x 768)
- Pixel clock 160MHz
- LiteLOC™ constant brightness feature
- HDTV and DTV compatible
- Modular architecture
- Intelligent Lens System (ILS™)
- Ruggedized design
- Advanced inverse telecine (3:2 pull down) digital processing
- 5' to 40' + diagonal image size
- Optional 10-bit video processing

APPLICATIONS

- | | |
|---|------------------------------------|
| • Rental Staging | • Tradeshow, exhibitions |
| • Executive briefing and conference centers | • Auditoriums and churches |
| • Concerts | • Casinos, theme parks and museums |

CHRISTIE
Project. Present. Perform.

Roadster X9 • Specifications

Brightness

- 8500 ANSI lumens (+/- 10%)
- 90% brightness uniformity across the screen

- Contrast Ratio (1.5-2.2:1 zoom lens)**
- 350:1 ANSI, 550:1 on/off

Resolution/Digital Processing

- 3-chip 0.9" DMD™, (Digital Micromirror Device) system
- True XGA 1024 x 768 chip resolution
- 13-bit user selectable gamma table
- More than 1 billion displayable colors

Dynamic Scaling

- Resizing capabilities to scale down from 1600 x 1200 and up from 640 x 480 to XGA (1024 x 768) resolution
- Independent horizontal and vertical size adjustment for graphics and video inputs

HDTV/DTV Compatibility

- Full HDTV/DTV compatibility on analog RGB/YpPr inputs
- Accepts 480i, 480p, 576i, 576p, 720p, 1035i, and 1080i formats at all applicable frame/field rates
- Accepts 1080p at 24, 25 and 30Hz frame rates
- Optional HDTV Serial Digital Input Module

Keypads

- Standard hand-held IR backlit remote keypad
- Front and rear infrared sensors
- Built-in backlit keypad
- Optional RS422 two-way remote controller with LCD display using 6-pin XLR connector with range of 3000ft
- Optional wired backlit remote keypad with 3-pin XLR connector

Variable Lamp Power Supply/Light Output Control (LiteLOC™)

- "Auto Brightness" mode to maintain constant brightness over time
- "Lamp Conserve" mode to extend the lamp life
- "Max Brightness" mode for maximum light output

Power Requirements

- Line voltage: 200 VAC to 240 VAC +/- 10% @ 50/60Hz
- Power consumption: 2200W maximum
- Thermal dissipation: 7250 BTU/hr
- Operating current: 12A maximum

Weight and Size

- 99 lbs (45 kg)
- 22.28" W x 30.1" L x 11.88" H excluding handles
- 56.6cm W x 76.5cm L x 30.2cm H excluding handles

FEATURES



- Fitted with a digital interface, the X9 projects from source to screen without signal conversion.



- Robust, rugged and reliable - 99 lbs and 8500 ANSI lumens at true XGA resolution.



- Compatible with the wide array of video and data sources.

Horizontal Frequency Range

- 15 to 120kHz

Vertical Frequency Range

- 24 to 120Hz

Field Interchangeable Optional Lenses

- Fixed short throw lens: 1.2:1
- Zoom lenses: 1.5-2.2:1, 2.2-4:1, and 4-7:1
- Up to 130% of vertical lens offset for off-axis projection (using a 2.5-4:1 lens)
- Up to 80% of horizontal lens offset (using a 2.5-4:1 lens)
- Compatibility with VistaGraphX lenses: 0.8:1, 2.5-4:1, 4-7:1 (adapter required)
- Screen size: 5' - 40' + (1.8m - 12.2m) diagonal

Lens Mount

- Motorized horizontal and vertical lens offset, focus and zoom adjustments
- "Bayonet-style" lens insertion system
- Lens mount tilt adjustment
- Built-in light shutter

Inputs

- Built-in RGB/YUV/YpPr inputs allowing separate H and V syncs, tri-level sync, composite sync and sync-on-green/luma (5 BNC connectors)
- Multi-standard Video Decoder Module (NTSC 3.58, NTSC 4.43, PAL, PAL 60, PAL M, PAL N, SECAM) with one composite video input (BNC and RCA connectors) and one S-video input (two BNC and 4-pin mini-DIN connectors)
- Optional input module slot
- Full compatibility with third party switchers

Control/Networking

- Third party control system and switcher compatibility
- Dual RS232 ports for computer control, with loop-through for connection of multiple projectors
- Dual 6-pin XLR RS422 ports for connection of optional LCD two-way controllers and loop-through to multiple projectors up to 3000ft
- ChristieNET™ compatible

Diagnostics

- Built-in LCD diagnostic display indicates operational status and error messages
- Power and status LED
- Full diagnostics through RS232 9-pin D connector

Graphical User Interface

- Auto set-up feature
- "Direct Access" intuitive user interface for complete projector control in 5 world languages
- On-screen user-placeable menus to fit different image aspect ratios (4:3, 5:4, 16:9, etc.)
- On-screen help menus
- 100 channel memories
- Auto power up feature

Lamp Specification/Color Temperature

- 1500W CERMAT™ Xenon illumination system
- Pre-aligned lamp module
- Constant color temperature over the lamp life
- Color temperature adjustment range: 3200K to 9300K
- User replaceable lamp within 5 minutes
- Lamp lifetime: 1000 hours (typical)

Standard Accessories

- IR remote keypad with batteries
- User's manual
- Eye bolt kit

Optional Accessories

- Serial Digital Input (SMPTE 259M/CCIR 601) with loop-through feature
- Digital HDTV Input module (with loop-through feature) compatible with all known HDTV formats
- DVI/DFP Input module
- 10-bit ADP (Advanced Digital Processing) module
- Wired remote keypad
- RS422 two-way remote LCD controller
- Replacement lamp module
- Remote infrared sensor
- Service manual
- Librarian communication software
- Arbitrary Gamma software for user-definable gamma tables
- MIL-STD ruggedized transit case
- Stacker kit

Regulatory Approvals

- CSA/UL EN60950
- FCC and CISPR 22 class A, EN50024 EM/EMC approvals

Warranty

- Two years parts and labor on projector (with RoadSERVICE membership)
- One year on projector light engine
- Accessories: One year
- Extended warranty available

Third Party Test Criteria

- ISTA, IEC 60068-2-64, ASTM D4169-96, MIL STD 810F (Shipping Vibration & Shock, while in Christie Roadster Transit Case)

Head Offices

USA
10550 Camden Drive
Cypress, CA 90630
PH: 714-236-8610
FX: 714-503-3385
Toll free: (800) 407-7727 (NA only)
sales-us@christiedigital.com

CANADA

809 Wellington Street North
Kitchener, Ontario N2G 4Y7
PH: 519-744-8005
FX: 519-749-3136
Toll free: (800) 265-2171 (NA only)
sales-canada@christiedigital.com

Branch Offices

UNITED KINGDOM
PH: +44 118 977 8000
FX: +44 118 977 8100
sales-europe@christiedigital.com

SINGAPORE
PH: +65 6877-8737
FX: +65 6877-8747
sales-singapore@christiedigital.com

FRANCE
PH: +33 (0) 1 47 48 28 07
FX: +33 (0) 1 47 48 26 06
Mobile: +33 (0) 6 76 47 43 62
sales-france@christiedigital.com

GERMANY
PH: +49 2161 664540
FX: +49 2161 664546
sales-europe@christiedigital.com

CHINA
PH: +86 21 6278 7708
FX: +86 21 6278 7707
sales-china@christiedigital.com

